

CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

- 1 1. An erosion control device comprising:
2 a panel having a plurality of spaced vertical rods having upper and lower ends and
3 a plurality of spaced transverse rods having uppermost and lowermost rods affixed to said
4 vertical rods to form a panel frame;
5 the two end vertical rods extending below the lowermost transverse rod a
6 sufficient distance to allow penetration of the vertical rods into the ground or other
7 material;
8 alternate first ones of said vertical rods having substantially the same extension as
9 the two end rods;
10 a plurality of second vertical rods alternating with said first ones of said vertical
11 rods;
12 each of said first and second vertical rods having a portion extending, at the upper
13 end thereof, above the uppermost transverse rod;
14 said second rods at the lower end thereof having a portion extending below the
15 lowermost transverse rod;
16 that portion of the second vertical rods extending below the lowermost transverse
17 rod having a bent portion extending from said panel; and
18 a sheet of silt fencing material held in place by said extending portions at the
19 upper ends of said vertical rods and by said bent portions at the lower ends of said second
20 rods.

- 1 2. An erosion control device as claimed in claim 1 wherein said vertical and
2 transverse rods are made of aluminum.

1 3. An erosion control device as claimed in claim 1 wherein said vertical and
2 said transverse rods are from three-sixteenths of an inch to one-quarter of an inch in
3 diameter.

1 4. An erosion control device as claimed in claim 1 wherein said lowermost
2 transverse rod has welded thereto a transversely extending thin strip of metallic material.

1 5. An erosion control device as claimed in claim 4 wherein said metallic
2 material is aluminum.

1 6. An erosion control device as claimed in claim 4 wherein said strip has a
2 sharpened lower edge.

1 7. An erosion control device as claimed in claim 1 wherein said sheet of silt
2 fencing material has a lower portion which extends beyond said lowermost transverse
3 rod.

1 8. An erosion control device as claimed in claim 7, wherein said lower
2 portion of said silt fencing material sheet is bent upward and fastened to a transverse rod
3 located above said lowermost rod, forming a pocket in said sheet.

1 9. An erosion control device as claimed in claim 8, wherein said pocket is
2 filled with a water resistant material.

1 10. An erosion control device as claimed in claim 9 wherein said water
2 resistant material is sand.

1 11. An erosion control device as claimed in claim 1 and further including one
2 or more substantially identical panels, said one or more panels being pivotally joined to
3 each other at the vertical end rods thereof by clip members.

1 12. An erosion control device as claimed in claim 11 wherein said clip
2 members are hog rings.